

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims**

Claims 1-9 (canceled)

Claim 10 (previously presented) A formulation comprising:

- (a) about 4% by weight silica;
- (b) about 6% by weight magnesium oxide;
- (c) about 73% by weight zinc oxide;
- (d) about 5% by weight bismuth subnitrate;
- (e) about 3% by weight ferric oxide;
- (f) about 7% by weight cupric oxide; and
- (g) about 1% by weight silver chloride.

Claim 11 (previously presented) A formulation comprising:

- (a) about 4% by weight silica;
- (b) about 6% by weight magnesium oxide;
- (c) about 81% by weight zinc oxide;
- (d) about 5% by weight bismuth subnitrate;
- (e) about 2% by weight cupric oxide;
- (f) about 1% by weight silver chloride; and
- (g) about 1% by weight titanium chloride.

Claim 12 (previously presented) A formulation comprising:

- (a) about 4% by weight zinc oxide;
- (b) about 25% by weight staybelite resin;
- (c) about 14% by weight bismuth subcarbonate;

- (d) about 11% by weight barium sulfate;
- (e) about 2% by weight sodium borate;
- (f) about 7% by weight cuprous oxide; and
- (g) about 1% by weight silver chloride.

Claim 13 (amended) A kit comprising: (1) an antimicrobial formulation comprising: ~~(a) a zinc oxide from between about 2 to 90 percent by weight; (b) a silver compound, from between about 0.05 to 2 percent by weight, wherein the silver compound is selected from the group consisting of silver chloride, silver phosphate and silver nitrate; (c) a copper compound from between about 0.05 to 10 percent by weight, wherein the copper compound is selected from the group consisting of cupric oxide, cuprous oxide, cuprous iodide, cupric iodide, cupric phosphate, copper (II) hydrogen phosphate, and cupric silicate; and (d) a bismuth compound from between about 2 to 50 percent by weight, wherein the bismuth compound is selected from the group consisting of bismuth subcarbonate and bismuth subnitrate;~~ (a) about 4% by weight silica; (b) about 6% by weight magnesium oxide; (c) about 73% by weight zinc oxide; (d) about 5% by weight bismuth subnitrate; (e) about 3% by weight ferric oxide; (f) about 7% by weight cupric oxide; and (g) about 1% by weight silver chloride; and (2) phosphoric acid, a dental varnish, stannous fluoride or sodium fluoride.

Claim 14 (new) A kit comprising: (1) an antimicrobial formulation comprising: (a) about 4% by weight silica; (b) about 6% by weight magnesium oxide; (c) about 81% by weight zinc oxide; (d) about 5% by weight bismuth subnitrate; (e) about 2% by weight cupric oxide; (f) about 1% by weight silver chloride; and (g) about 1% by weight titanium chloride; and (2) phosphoric acid, a

dental varnish, stannous fluoride or sodium fluoride.

Claim 15 (new) A kit comprising: (1) an antimicrobial formulation comprising: (a) about 4% by weight zinc oxide; (b) about 25% by weight staybelite resin; (c) about 14% by weight bismuth subcarbonate; (d) about 11% by weight barium sulfate; (e) about 2% by weight sodium borate; (f) about 7% by weight cuprous oxide; and (g) about 1% by weight silver chloride; and (2) phosphoric acid, a dental varnish, stannous fluoride or sodium fluoride.